

In the claims:

All claims in the application are indicated below.

1. (Currently amended) A portable wireless communication device, that is connectable to and disconnectable from an external port of a computing device by a user to provide the computing device with wireless Internet access, the portable wireless communication device not being an integrated part of the computing device, comprising:

a structural device interface ~~connectable that is user-connectable to and user-disconnectable from~~ an a structural, external-interface non-wireless external port of a the computing device;

a wireless communication component for enabling wireless radio frequency communication;

a ~~private~~ memory circuit component that includes a private memory area not accessible or viewable by a user, the private memory area storing protected computer software, the protected computer software being installable and executable at the computing device to enable the radio frequency communication at the computing device;

whereby the portable wireless communication device ~~launches is~~ operable to install and execute the protected computer software ~~thereon at the~~ computing device automatically upon connecting the portable wireless communication device to the computing device, and ~~provides to provide~~ the computing device with wireless Internet access through the wireless communication component of the portable wireless communication device.

2. (Currently amended) The communication device of claim 1 in which the memory circuit further ~~including~~ includes a file storage memory segment to store data content, the file storage memory segment being accessible by the computing device.

3. (Currently amended) The communication device of claim 1 in which the private memory ~~component~~ area includes a first memory section in which is stored the protected computer software and a second memory section in which is stored code for operating the memory controller.

4. (Currently amended) The communication device of claim 1 in which the protected computer software is further operable to be uninstalled from the computing device automatically upon disconnection of the structural device interface from the structural external interface of the computing device, the protected computer software being uninstalled from the computing device by software launched from the portable wireless communication device.

5. (Cancelled)

6. (Previously presented) The communication device of claim 1 further comprising a user-operable external switch to provide user control of activation and deactivation of the wireless communication component.

7. (Previously presented) The communication device of claim 1 further comprising a battery for powering the communication device without connection to the computing device so that the communication device is operable to receive data content via wireless communication.

8. (Previously presented) The communication device of claim 7 further comprising a user-operable external switch to provide user control of operation of the communication device without connection to the computing device.

9. (Currently amended) The communication device of claim 1 in which the structural device interface corresponds to a universal serial bus interface.

10. (Currently amended) The communication device of claim 1 in which the structural device interface corresponds to one of a Firewire format, a Compact Flash format, and a Secure Digital format.

11. (Original) The communication device of claim 1 in which the wireless communication corresponds to a Bluetooth standard of wireless communication.

12. (Original) The communication device of claim 1 in which the wireless communication corresponds to one of a IEEE802.11 a, IEEE802.11b, IEEE802.11g, IEEE802.11f, IEEE802.15, or IEEE802.17 standard of wireless communication.

13. (Currently amended) The communication device of claim 1 in which the protected computer software further providing data output service that

includes one or more of printing, displaying, projecting and audio output of data content to one or more output device associated with the computing device.

14. (Cancelled)

15. (Original) The communication device of claim 1 in which the device is configured as a dongle.

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Currently amended) A portable wireless communication device, that is connectable to and disconnectable from an external port of a computing device by a user to provide the computing device with wireless Internet access, the portable wireless communication device not being an integrated part of the computing device, comprising:

a structural device interface ~~connectable that is user-connectable to and user-disconnectable from an a structural external interface~~ non-wireless external port of the computing device;

a wireless communication component for enabling wireless radio frequency communication;

a memory ~~component~~ circuit having a public area that is accessible and viewable by a user for storage and a private area that is not accessible or viewable by the user, the private area storing therein a protected computer software application that is operable to be automatically installed and executed on the computing device upon connecting the structural device interface to the structural external interface of the computing device, thereby to provide the computing device with wireless Internet access through the wireless communication component of the portable wireless communication device; and

a memory controller for managing communication through the device interface and for accessing the memory component that includes the private area.

20. (Currently amended) The communication device of claim 19 in which the memory ~~component~~ circuit further stores at least part of an autorun

software that is operable to install and execute the protected computer software application on the computing device automatically upon connection of the structural device interface to the structural external interface of the computing device.

21. (Currently amended) The communication device of claim 20 in which one of the autorun software and protected computer software application is further operable to uninstall at least part of the protected computer software application from the computing device automatically upon disconnection of the structural device interface to the structural external interface of the computing device.

22. (Cancelled)

23. (Currently amended) The communication device of claim 19 in which the private area of the memory ~~component~~ circuit includes a first memory section in which is stored the protected computer software application and a second memory section in which is stored code for operating the for memory controller.

24. (Cancelled)

25. (Previously presented) The communication device of claim 19 further comprising a user-operable external switch to provide user control of activation and deactivation of the wireless communication component.

26. (Previously presented) The communication device of claim 19 further comprising a user-operable external switch to provide user control of battery-powered operation of the communication device.

27. (Currently amended) The communication device of claim 19 in which the structural device interface corresponds to a universal serial bus interface.

28. (Currently amended) The communication device of claim 19 in which the structural device interface does not correspond to a universal serial bus interface.

29. (Original) The communication device of claim 19 in which the wireless communication corresponds to a Bluetooth standard of wireless communication.

30. (Previously presented) The communication device of claim 19 in which the wireless communication corresponds to one that is compatible to one operating in IEEE 802.11 standard of wireless communication.

31. (Cancelled)

32. (Cancelled)

33. (Original) The communication device of claim 19 in which the device is configured as a dongle.

34. (Cancelled)

35. (Cancelled)

36. (Cancelled)

37. (Original) The communication device of claim 19 further comprising a battery to provide battery-powered operation of the communication device.

38. (Cancelled)

39. (Currently amended) A portable wireless communication device subcombination for providing a computing device with wireless Internet access, the portable wireless communication device not being an integrated part of the computing device and being connectable to and disconnectable from an external port of the computing device by a user, comprising:

a USB device interface for connecting to a structural, external non-wireless port of a computing device;

a hub with one or more ports, including a port for connecting with a wireless communication component and a port for connecting with a memory ~~component~~ circuit, the wireless communication component enabling wireless radio frequency communication and the memory ~~component~~ circuit storing protected computer software within a private ~~memory~~ area that is not accessible or viewable by a user, the computer software being installable and executable on the computing device to provide it the computing device with wireless Internet

access upon connecting the portable wireless communication device with the computing device;

a memory controller having a processor that is executable to:
manage communication with the hub and the USB interface,
facilitate an autorun operation for automatically launching and
installing on the computing device the protected computer software upon
connecting the USB interface to the computing device, and
access the protected computer software in the private area of the
memory ~~component~~ circuit.

40. (Currently amended) The subcombination of claim 39 in which the memory ~~component~~ circuit further includes a file storage memory segment to store data content, the file storage memory segment being accessible by the computing device.

41. (Currently amended) The subcombination of claim 39 in which the memory ~~component~~ circuit further includes a private memory component with a first memory section in which is stored the protected computer software and a second memory section in which is stored for operating the memory controller.

42. (Currently amended) The subcombination of claim 39 in which the protected computer software is further operable to be uninstalled from the computing device automatically upon disconnection of the structural device interface from the structural external interface of the computing device, the protected computer software being uninstalled from the computing device by software launched from the portable wireless communication device.

43. (Previously presented) The subcombination of claim 39 further comprising a user-operable external switch to provide user control of activation and deactivation of the wireless component.

44. (Previously presented) The subcombination of claim 39 further comprising a battery for powering the communication component without connection to the computing device so that the communication component is operable to receive data content via wireless communication.

45. (Previously presented) The subcombination of claim 39 further comprising a user-operable external switch to provide user control of operation of the communication component.

~~47-~~ 46. (Currently amended) The subcombination of claim 39 in which the wireless communication corresponds to a Bluetooth standard of wireless communication.

~~48-~~ 47. (Currently amended) The subcombination of claim 39 in which the wireless communication corresponds to one of a IEEE802.11 a, IEEE802.11b, IEEE802.11g, IEEE802.11f, IEEE802.15, or IEEE802.17 standard of wireless communication.

~~49-~~ 48. (Currently amended) The subcombination of claim 39 in which the device is configured as a dongle.

~~50-~~ 49. (Currently amended) The communication device of claim 1 in which the wireless communication component further includes a radio and a baseband controller for enabling wireless radio frequency communication.

~~54-~~ 50. (Currently amended) The communication device of claim 19 in which the wireless communication component further includes a radio and a baseband controller for enabling wireless radio frequency communication.

Remarks

Claims 1-4, 6-13, 15, 19-21, 23, 25-30, 33, 37, 39-50 are in the application. Claims 1, 19 and 39 are in independent form. Reconsideration is requested.

The claims are objected to because there is no claim 46, so that the claims are not numbered consecutively. Claims 47-51 have been renumbered as claims 46-50, respectively.

Claims 1-4, 6-13, 15, 39-45, and 47-50 are objected to for informal language. The claims have been amended to correct the informalities identified by the Examiner.